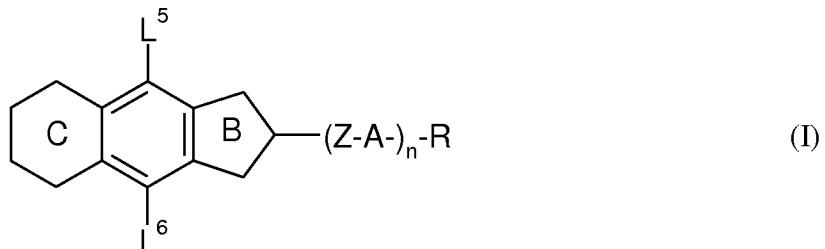


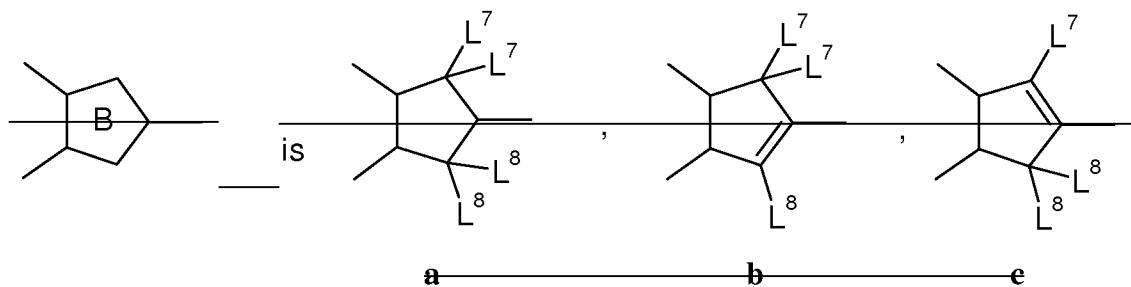
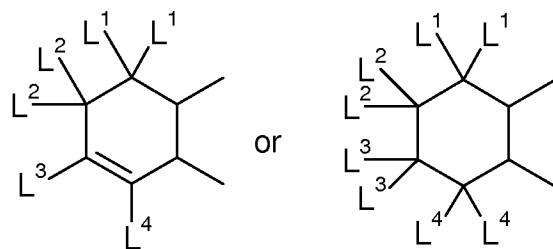
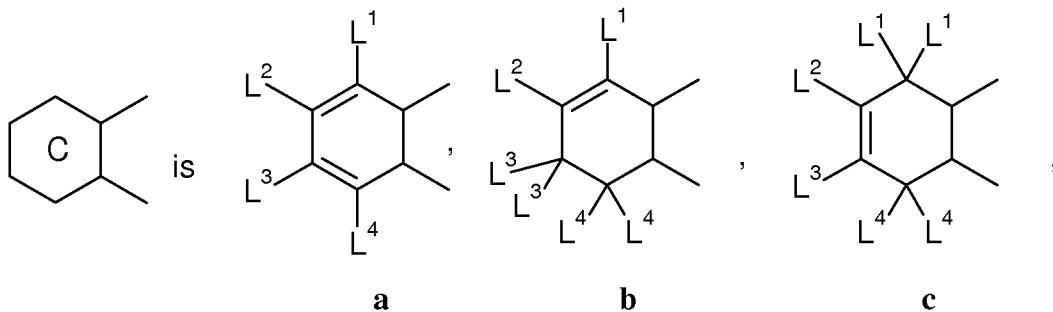
This listing of claims will replace all prior versions, and listings, of claims in the application:

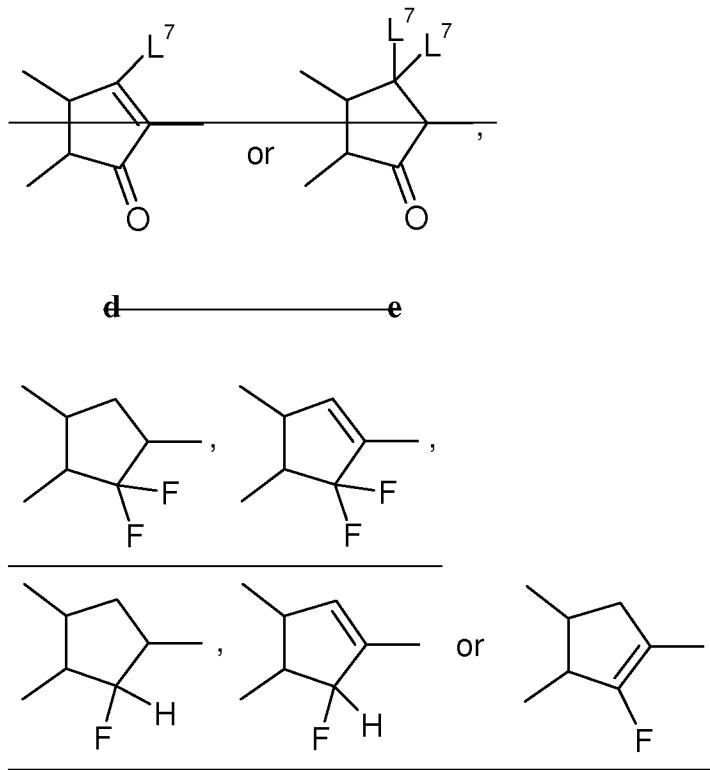
**Listing of Claims:**

1. (Currently Amended) A cyclopenta Cyclopenta[b]naphthalene compound derivatives of the general of formula (I)



in which:





Z is in each case, independently of one another, a single bond, a double bond, -CF<sub>2</sub>O-, -OCF<sub>2</sub>-, -CH<sub>2</sub>CH<sub>2</sub>-, -CF<sub>2</sub>CF<sub>2</sub>-, -C(O)O-, -OC(O)-, -CH<sub>2</sub>O-, -OCH<sub>2</sub>-, -CF=CH-, -CH=CF-, -CF=CF-, -CH=CH- or -C≡C-,

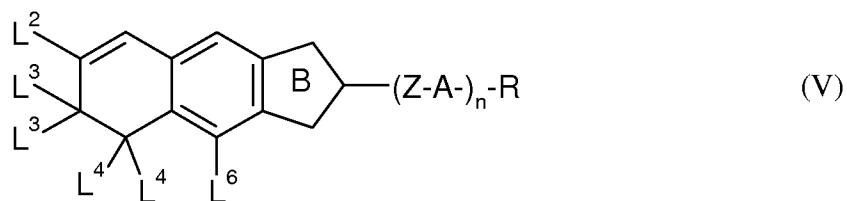
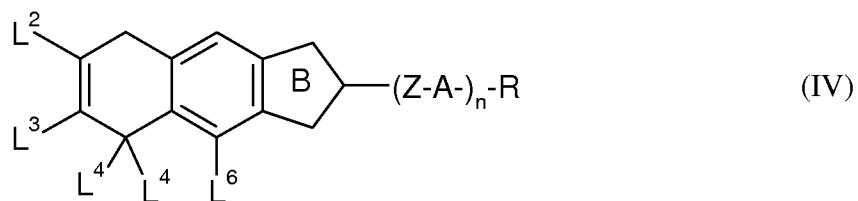
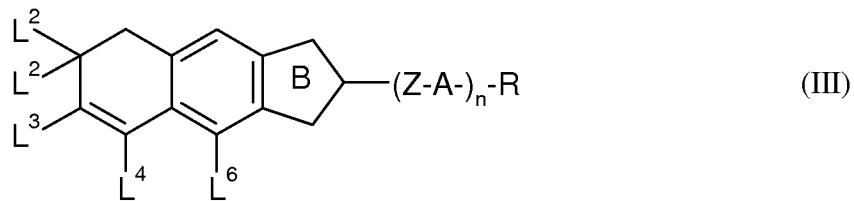
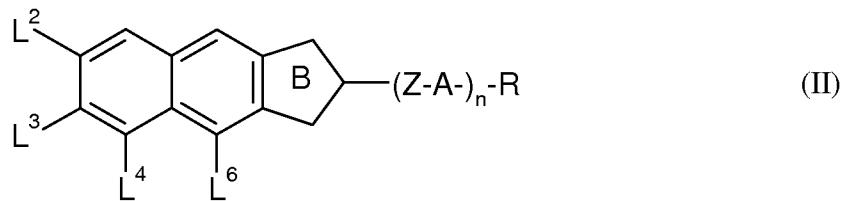
A is in each case, independently of one another, 1,4-phenylene, in which =CH- may be replaced once or twice by =N-, and which may be monosubstituted to tetrasubstituted, independently of one another, by halogen (-F, -Cl, -Br, -I), -CN, -CH<sub>3</sub>, -CH<sub>2</sub>F, -CHF<sub>2</sub>, -CF<sub>3</sub>, -OCH<sub>3</sub>, -OCH<sub>2</sub>F, -OCHF<sub>2</sub> or -OCF<sub>3</sub>, 1,4-cyclohexylene, 1,4-cyclohexenylene or 1,4-cyclohexadienylene, in which -CH<sub>2</sub>- may be replaced once or twice, independently of one another, by -O- or -S- in such a way that heteroatoms are not directly adjacent, and which may be monosubstituted or polysubstituted by halogen, or is 1,3-cyclobutylene or bicyclo[2.2.2]octane,

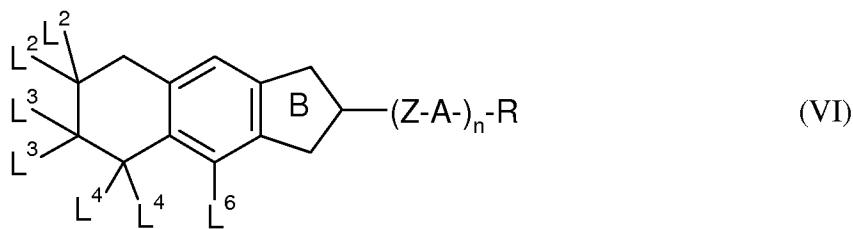
R is hydrogen, an alkyl, alkoxy, alkenyl or alkynyl radical having from 1 to 15 or 2 to 15 carbon atoms respectively which is unsubstituted, monosubstituted by -CF<sub>3</sub> or at least monosubstituted by halogen, where, in addition, one or more CH<sub>2</sub> groups in these radicals may each, independently of one another, be replaced by -O-, -S-, -CO-, -COO-, -OCO- or -OCO-O- in such a way that heteroatoms are not directly adjacent, halogen, -CN, -SCN, -NCS, -SF<sub>5</sub>, -CF<sub>3</sub>, -OCF<sub>3</sub>, -OCHF<sub>2</sub> or -OCH<sub>2</sub>F,

n is 0, 1, 2 or 3, and

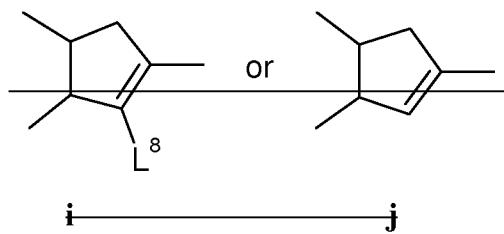
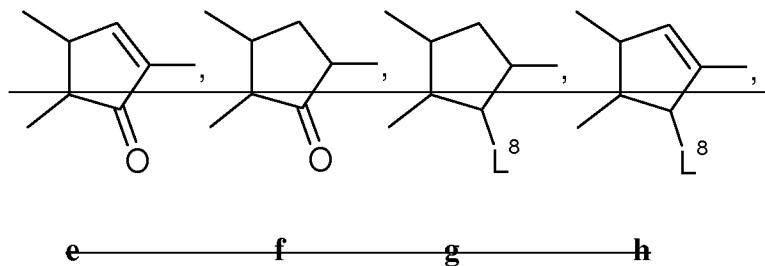
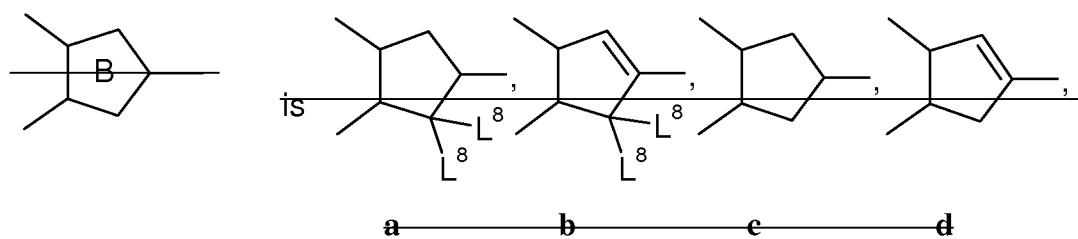
$L^1 - L^8$  are each, independently of one another, hydrogen, an alkyl, alkoxy, alkenyl or alkynyl radical having from 1 to 15 or 2 to 15 carbon atoms respectively which is unsubstituted or at least monosubstituted by halogen, where, in addition, one or more  $CH_2$  groups in these radicals may each, independently of one another, be replaced by  $-O-$ ,  $-S-$ ,  $-CO-$ ,  $-COO-$ ,  $-OCO-$  or  $-OCO-O-$  in such a way that heteroatoms are not directly adjacent, halogen,  $-CN$ ,  $-SCN$ ,  $-NCS$ ,  $-SF_5$ ,  $-CF_3$ ,  $-OCF_3$ ,  $-OCHF_2$ ,  $-OCH_2F$  or  $-(Z-A)_n-R$ .

2. (Currently Amended) A cyclopenta Cyclopenta[b]naphthalene compound derivatives according to Claim 1 selected from the general of formulae (II) to (VI)





in which:



**Z** is in each case, independently of one another, a single bond, a double bond, -CF<sub>2</sub>O-, -OCF<sub>2</sub>-, -CH<sub>2</sub>CH<sub>2</sub>-, -CF<sub>2</sub>CF<sub>2</sub>-, -C(O)O-, -OC(O)-, -CH<sub>2</sub>O-, -OCH<sub>2</sub>-, -CF=CH-, -CH=CF-, -CF=CF-, -CH=CH- or -C≡C-,

**A** is in each case, independently of one another, 1,4-phenylene, in which =CH- may be replaced once or twice by =N-, and which may be monosubstituted to tetrasubstituted, independently of one another, by halogen (-F, -Cl, -Br, -I), -CN, -CH<sub>3</sub>, -CH<sub>2</sub>F, -CHF<sub>2</sub>, -CF<sub>3</sub>, -OCH<sub>3</sub>, -OCH<sub>2</sub>F, -OCHF<sub>2</sub> or -OCF<sub>3</sub>, 1,4-cyclohexylene, 1,4-cyclohexenylene or 1,4-cyclohexadienylene, in which -CH<sub>2</sub>- may be replaced once or twice, independently of one another, by -O- or -S- in such a way that heteroatoms are not directly adjacent, and

which may be monosubstituted or polysubstituted by halogen, or is 1,3-cyclobutylene or bicyclo[2.2.2]octane,

R is hydrogen, an alkyl, alkoxy, alkenyl or alkynyl radical having from 1 to 15 or 2 to 15 carbon atoms respectively which is unsubstituted, monosubstituted by -CF<sub>3</sub> or at least monosubstituted by halogen, where, in addition, one or more CH<sub>2</sub> groups in these radicals may each, independently of one another, be replaced by -O-, -S-, -CO-, -COO-, -OCO- or -OCO-O- in such a way that heteroatoms are not directly adjacent, halogen, -CN, -SCN, -NCS, -SF<sub>5</sub>, -CF<sub>3</sub>, -OCF<sub>3</sub>, -OCHF<sub>2</sub> or -OCH<sub>2</sub>F,

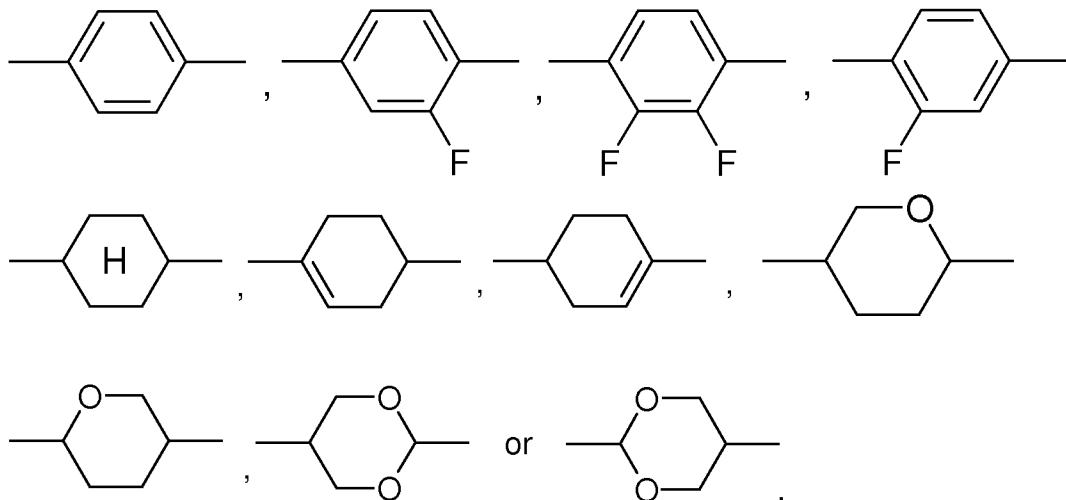
L<sup>2</sup>, L<sup>3</sup> and L<sup>8</sup> are each, independently of one another, hydrogen, an alkyl, alkoxy, alkenyl or alkynyl radical having from 1 to 15 or 2 to 15 carbon atoms respectively which is unsubstituted or at least monosubstituted by halogen, where, in addition, one or more CH<sub>2</sub> groups in these radicals may each, independently of one another, be replaced by -O-, -S-, -CO-, -COO-, -OCO- or -OCO-O- in such a way that heteroatoms are not directly adjacent, halogen, -CN, -SCN, -NCS, -SF<sub>5</sub>, -CF<sub>3</sub>, -OCF<sub>3</sub>, -OCHF<sub>2</sub>, -OCH<sub>2</sub>F or -(Z-A-)<sub>n</sub>-R,

L<sup>4</sup> and L<sup>6</sup> are each, independently of one another, hydrogen, an alkyl, alkoxy, alkenyl or alkynyl radical having from 1 to 15 or 2 to 15 carbon atoms respectively which is at least monosubstituted by halogen, where, in addition, one or more CH<sub>2</sub> groups in these radicals may each, independently of one another, be replaced by -O-, -S-, -CO-, -COO-, -OCO- or -OCO-O- in such a way that heteroatoms are not directly adjacent, halogen, -CN, -SF<sub>5</sub>, -SCN, -NCS, -CF<sub>3</sub>, -OCF<sub>3</sub>, -OCHF<sub>2</sub> or -OCH<sub>2</sub>F, preferably with the proviso that L<sup>4</sup> and L<sup>6</sup> cannot simultaneously be hydrogen, and

n is 0, 1, 2 or 3.

3. (Canceled)

4. (Currently Amended) A cyclopenta Cyclopenta[b]naphthalene compound derivatives according to Claim 2, wherein characterised in that A is



5. (Currently Amended) A cyclopenta Cyclopenta[b]naphthalene compound derivatives according to claim 2, wherein characterised in that  $L^2$  and  $L^3$ , independently of one another, are hydrogen, an alkoxy radical having from 1 to 7 carbon atoms, fluorine or chlorine.

6. (Currently Amended) A cyclopenta Cyclopenta[b]naphthalene compound derivatives according to claim 2, wherein characterised in that  $L^4$  and  $L^6$ , independently of one another, are  $-CF_3$ , fluorine or chlorine.

7. (Canceled)

8. (Canceled)

9. (Canceled)

10. (Canceled)

11. (Canceled)

12. (Canceled)

13. (Canceled)

14. (Currently Amended) A cyclopenta Cyclopenta[b]naphthalene compound derivatives according to claim 1, wherein characterised in that  $Z$  is a single bond,  $-CF_2O-$ ,  $-OCF_2-$ ,  $-CF_2CF_2-$ ,  $-CH=CH-$ ,  $-CF=CH-$ ,  $-CH=CF-$  or  $-CF=CF-$ .

15. (Currently Amended) A cyclopenta Cyclopenta[b]naphthalene compound derivatives according to claim 1, wherein characterised in that R is an alkyl radical, alkoxy radical or alkenyl radical having from 1 to 7 or 2 to 7 carbon atoms respectively.

16. (Canceled)

17. (Currently Amended) A liquid Liquid-crystalline medium comprising at least two liquid-crystalline compounds, wherein characterised in that it comprises at least one compound is a cyclopenta[b]naphthalene compound derivative according to claim 1.

18. (Currently Amended) An Electro- Electro-optical display element containing a liquid-crystalline medium according to Claim 17.

19. (Currently Amended) A mesogenic liquid crystalline Mesogenic medium, comprising characterised in that it comprises-at least one cyclopenta[b]naphthalene compound derivative according to claim 1 7.

20. (Currently Amended) An Electro- Electro-optical light-control element which contains an electrode arrangement, at least one element for polarisation of ~~the~~ light and a mesogenic control medium, where the light-control element is operated at a temperature at which the mesogenic control medium in the unaddressed state is in the isotropic phase, characterised in that the mesogenic control medium comprises at least one cyclopenta[b]naphthalene derivative according to claim 1. 7.